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September 8, 2011

ATTN: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: **Request for Certificate of Correction**
Letters Patent No.: 7,745,180
Title: **DEVICE AND METHOD FOR HIGH-THROUGHPUT
QUANTIFICATION OF MRNA FROM WHOLE BLOOD**
Issued: June 29, 2010
Our Reference No.: HITACHI.055CP2

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

As the errors cited in the Certificate of Correction were incurred at least partially through the fault of the Applicant, we will pay the fee via EFS web. Please charge any additional fees to our Deposit Account No. 11-1410.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP

/Jason A. Gersting/

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Enclosure

9988897
090811

San Diego
858-707-4000

San Francisco
415-954-4114

Los Angeles
310-551-3450

Riverside
951-781-9231

Seattle
206-405-2000

Washington, DC
202-640-6400

Silicon Valley
650-752-1100

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,745,180
APPLICATION NO. : 10/796,298
ISSUE DATE : June 29, 2010
INVENTOR(S) : Mitsuhashi

Page 1 of 2

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 2 page 1 (Item 56), line 37, Under Other Publications, delete "Arlingilaus" and insert --Arlinghaus--, therefor.

On sheet 19 of 33 (Besides Y-axis) (Fig. 17) at line 1, delete "Fluorescene" and insert --Fluorescence--, therefor.

On sheet 29 of 33 (Besides Y-axis) (Fig. 21A-21E) at line 1, delete " μl_1 " and insert -- μl^1 --, therefor.

On sheet 29 of 33 (Besides Y-axis) (Fig. 21A-21E), delete "FIG. 21A-21E" and insert --FIGS. 21A-21E--, therefor.

At column 4, line 37, delete "15." and insert --15--, therefor.

At column 4, line 39, delete "16." and insert --16--, therefor.

At column 8, line 10, delete "N-laurosarcosine," and insert --N-lauroylsarcosine--, therefor.

At column 8, line 10, delete "-and" and insert --and--, therefor.

At column 8, line 13, delete "N-laurosarcosine" and insert --N-lauroylsarcosine--, therefor.

At column 8, line 49, delete "HCR," and insert --HCl--, therefor.

At column 10, line 15, delete "Nos" and insert --NOs--, therefor.

At column 10, line 16, delete "SEQ ID NOs 13" and insert --FAM-SEQ ID NO. 13-TAMRA--, therefor.

At column 10, line 16, delete "17" and insert --FAM-SEQ ID NO. 17-TAMRA--, therefor.

At column 10, line 17, delete "12" and insert --FAM-SEQ ID NO. 12-TAMRA--, therefor.

At column 13, line 64, delete " $\mu\text{L}/\text{Well}$)," and insert -- $\mu\text{L}/\text{well}$ --, therefor.

At column 16, line 3, delete "SEQ ID NOs. 1" and insert --T₄₀-SEQ ID NO.1--, therefor.

At column 16, line 3, delete "7" and insert --T₄₀-SEQ ID NO. 7--, therefor.

MAILING ADDRESS OF SENDER:

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Page 2 of 2

PATENT NO. : 7,745,180
APPLICATION NO. : 10/796,298
ISSUE DATE : June 29, 2010
INVENTOR(S) : Mitsuhashi

At column 16, line 34, delete "T₄₀-TCCAA" and insert --5'-T₄₀-TCCAA--, therefor.

At column 16, line 51, delete "Ambritt" and insert --Ambrit--, therefor.

At column 16, line 54, delete "carlbad," and insert --Carlsbad,-- , therefor.

At column 17, line 59, delete "SEQ ID NOs. 13" and insert --FAM-SEQ ID NO. 13-TAMRA--, therefor.

At column 17, line 59, delete "17" and insert --FAM-SEQ ID NO. 17-TAMRA--, therefor.

At column 17, line 60, delete "12" and insert --FAM-SEQ ID NO. 12-TAMRA--, therefor.

At column 18, line 25, delete "5'-FAM-CAGTG" and insert --5'-CAGTG--, therefor.

At column 17-18, line 26, delete "CTT-TAMRA-3'" and insert --CTT-3'--, therefor.

At column 17-18, line 27, delete "5'-FAM-CAGCG" and insert --5'-CAGCG--, therefor.

At column 17-18, line 28, delete "TAMRA-3'" and insert -- -3'--, therefor.

At column 18, line 35, delete "5'-FAM-CAGCG" and insert --5'-CAGCG--, therefor.

At column 18, line 36, delete "TAMRA-3'" and insert -- -3'--, therefor.

At column 21, line 26, delete "(□)," and insert --(□),--, therefor.

At column 21, line 66, delete "18A.," and insert --18A,--, therefor.

At column 24, line 1, delete "RNaseH-MMLV" and insert --RNaseH^MMMLV--, therefor.

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